

Claims

1. A fluid-filtration receptacle capable of containing a liquid when placed in a predetermined range of operative positions, the receptacle comprising a user-fillable liquid-containable internal area defined by an at least partially-enclosing liquid-impermeable solid material, the liquid-impermeable solid material having a releasably-sealed semi-permeable drain disposed therethrough, the semi-permeable drain capable of being either completely or variably unsealed by a user to allow draining of a predetermined corresponding volume of said liquid from said internal area when said receptacle is placed in at least one of said predetermined operative positions.

2. The fluid-filtration receptacle of claim 1, wherein the drain comprises at least one opening and a semi-permeable membrane material, the semi-permeable membrane material being positioned within or superposed over said opening.

3. The fluid-filtration receptacle of claim 1, wherein said drain comprises a plurality of discrete, sealed, semi-permeable openings, each of said openings capable of being individually and completely unsealed by a user.

4. The fluid-filtration receptacle of claim 1, wherein said drain comprises a single, sealed, semi-permeable opening, said single opening capable of being variably unsealed by a user.

5. The fluid-filtration receptacle of claim 2, wherein said opening is releasably-sealed with a removable plug.

6. The fluid-filtration receptacle of claim 2, wherein said opening is releasably-sealed with a removable thermoplastic covering.

7. The fluid-filtration receptacle of claim 2, wherein said opening is releasably-sealed with a removable elastomeric coating.

8. The fluid-filtration receptacle of claim 2, wherein said opening is releasably-sealed with a thin user-destructible thermoplastic film, the average thickness of said thermoplastic film being substantially less than the average thickness of said liquid-impermeable solid material.

9. A centrifugal filter unit kit comprising the fluid-filtration receptacle of claim 1 and a filtrate collection vial, the fluid-filtration receptacle at least partially fittable within the filtrate collection vial whereby liquid drained from said internal area of said fluid-filtration receptacle collects in said filtrate collection vial.

10. The centrifugal filter unit kit of claim 9, wherein the drain comprises at least one opening and a semi-permeable membrane material, the semi-permeable membrane material being positioned within or superposed over said opening.